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	Application No.	Applicant(s)	
Notice of Allowability	10/811,558	LEE ET AL.	
	Examiner	Art Unit	
	Sin J. Lee	1752	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	6 (OR REMAINS) CLOSED) or other appropriate comn RIGHTS. This application is	in this application. If not included nunication will be mailed in due cours	
1. \square This communication is responsive to $9/11/2006$.			
2. The allowed claim(s) is/are 1-6 and 13-16.			
 3. Acknowledgment is made of a claim for foreign priority u a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 	,	or (f).	
2. Certified copies of the priority documents have	e been received in Applicat	ion No	
3. Copies of the certified copies of the priority do		•,	rom the
International Bureau (PCT Rule 17.2(a)).		5	
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDON! THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	MENT of this application.		
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv			E OF
5. CORRECTED DRAWINGS (as "replacement sheets") mu	st be submitted.		
(a) ☐ including changes required by the Notice of Draftsper		ew (PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date	<u>.</u> .		
(b) ☐ including changes required by the attached Examiner Paper No./Mail Date	's Amendment / Comment o	or in the Office action of	
Identifying indicia such as the application number (see 37 CFR feach sheet. Replacement sheet(s) should be labeled as such in) of ·
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT 			he
Attachment(s)		•	
1. Notice of References Cited (PTO-892)		nformal Patent Application	
 Notice of Draftperson's Patent Drawing Review (PTO-948) Information Disclosure Statements (PTO/SB/08), 	Paper No	Summary (PTO-413), ./Mail Date <u>11/21/06</u> . s Amendment/Comment	
Paper No./Mail Date	<u> </u>		_
 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	8. ⊠ Examiners	s Statement of Reasons for Allowand	e
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EXAMINER'S AMENDMENT

1. Claims 7-12 and 17 are canceled claims.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

- 3. Authorization for this examiner's amendment was given in a telephone interview with James P. Zeller (attorney for applicants) on November 21, 2006.
- 4. The application has been amended as follows:

In Claim 1, line 4, change "applying the organic" to --- applying an organic ---.
In Claim 16, line 1, change "claim 15" to --- claim 14 ---.

5. The following is an examiner's statement of reasons for allowance: As previously indicated, Neither Mitchell et al'137 nor Mougin'457 teaches or suggests present method of forming a pattern as claimed in present claim 1 or claim 13.

Although Hashino et al (JP 8-29972 and its machine-assisted English translation as provided by JPO) teaches a layer containing polyvinylphosphonic acid, in Hashino, the layer is applied on a support and then a photosensitive layer is applied on top of that layer. However, in present claims 1 and 13, a photoresist layer is first applied onto a semiconductor substrate, and then a layer containing polyvinylphosphonic acid is

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applied on top of the photoresist layer. Thus, Hashino et al (JP'972) does not teach or suggest present methods of claims 1 and 13.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sin J. Lee whose telephone number is 571-272-1333. The examiner can normally be reached on Monday-Friday from 9:00 am EST to 5:30 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cynthia Kelly, can be reached on 571-272-1526. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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November 21, 2006

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